

# Yun Ji How

Computer Science Graduate



[Portfolio](#) | [GitHub](#) | [LinkedIn](#)  
[yunji0387@gmail.com](mailto:yunji0387@gmail.com) | (431) 588 5209 | 820 Silverstone Avenue, Winnipeg MB R3T 2W6

## EDUCATION

### University of Manitoba

September 2018 - June 2023

Bachelor of Science - Major, Computer Science

## SKILLS

Programming Languages	Javascript, Python, Java, C, C++, C#
Markup & Stylesheet Languages	HTML, CSS, Markdown
Libraries/Frameworks	React, Node.js, Express.js, REST APIs, Pandas, OpenGL
Tools / Platforms	GitHub, Visual Studio Code, Jupyter Notebook, Figma, Heroku
Command-Line Interfaces (CLI)	Git Bash, PowerShell
Databases	SQL, NoSQL, MongoDB
Development Methodologies	Agile, Scrum, DevOps, OOP, SOLID

## PROJECTS

### Sky Cast Weather App

[Web Link](#) | [GitHub Link](#) | MERN stack, REST APIs

- Developed a mobile-responsive app with CSS media queries for an enhanced visual web experience.
- Integrated Google Place API for location-based autocomplete, enhancing user search experience.
- Utilized MongoDB for data storage and ensured seamless frontend-backend integration.

### Little Lemon Restaurant App

[Web Link](#) | [GitHub Link](#) | UX/UI, Material UI, Formik

- Transitioned from wireframes to high-fidelity prototypes and conducted user evaluations to refine the final design.
- Designed a mobile-responsive interface with Material UI for improved user experience.
- Incorporated Formik for efficient and reliable client-side form validation for table reservations.

### Sentiment Analysis on Yelp Reviews

[GitHub Link](#) | Jupyter, Data Mining

- Analyzed and curated data, deriving insights about the most-reviewed cities.
- Utilized the TF-IDF approach to enhance sentiment analysis results.
- Applied K-Means clustering, recommending restaurants with similar profiles to users.

### Basic Ray Tracing Technique Implementation

[GitHub Link](#) | OpenGL, C++

- Implemented bounding volume hierarchies (BVH) to improve rendering speed.
- Used Schlick's approximation and shading models for varied visual scene results.
- Applied super-sampling anti-aliasing for improved visual quality.

## CERTIFICATIONS

<a href="#">Meta Front-End Developer Specialization</a>	- Coursera	October 2023
<a href="#">DevOps, Cloud, and Agile Foundations</a>	- Coursera	October 2023
<a href="#">Introduction to Containers w/ Docker, Kubernetes &amp; OpenShift</a>	- Coursera	October 2023

## EXPERIENCE

### Genting Group | Casino Dealer

Pahang, Malaysia | December 2017 – March 2018

- Demonstrated proficiency in game rules, ensuring fair gameplay.
- Managed bet calculations and transactions effectively.